APPENDIX C



lalign output for HopE vs. SEQ ID NO:809

[ISREC-Server] Date: Tue Nov 5 0:34:27 MET 2002

./wwwtmp/lalign/.27078.1.seq : 239 aa		
ALIGN calculates a global alignment of two sequences		
	on 2.0uPlease cite: Myers and Miller, CABIOS (1989) 4:11-17	UFCE IVE
hopE	239 aa vs.	
809	148 aa	UEC O Z
scoring matrix: BLOSUM50, gap penalties: -14/-4		
4/.3%	identity; Global alignment score: 309	RECEIVED DEC 0 4 2002 TECH CENTER 1600,2900
	10 20 30	-1. 1000,2900
НорЕ	EGDGVYIGTNYQLGQARLNSNIYNTGDCTGSVVGC	
•		
809	MEIIKKFVALGLLSAVLSSSLLAEGDGVYIGTNYQLGQARLNSNIYNTGDCTGSVVGC	PP
	10 20 30 40 50	60
	40 50 60 70 00	
HonE	40 50 60 70 80 90 GLTANKHNPGGTNINWHSKYANGALNGFGLNVGYKKFFQFKSLDMTSKWFGFRVYGLF	nv .
НорЕ	GLIANANNEGGININWHSKIANGALNGEGLNVGIAAF FQFASLDMISAWFGFAVIGLE	
809	GLTANKHNPGGTNINWHSKYANGALNGFGLNVGYKKFFQFKSLDMTSKWFGFRVYGLF	
		20
	100 110 120 130 140 150	
НорЕ	GHADLGKQVYAPNKIQLDMVSWGVGSDLLADIIDKDNASFGIFGGVAIGGNTWKSSAA	NY
809	::::::::::::::::::::::::::::::::::::::	
003	130 140	
	160 170 180 190 200 210	
НорЕ	WKEQIIEAKGPDVCTPTYCNPNAPYSTNTSTVAFQVWLNFGVRANIYKHNGVEFGVRV	PL
809	.: TCTC	
809		
	220 230	
HopE	LINKFLSAGPNATNLYYHLKRD	
809		